

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MELV/27USSERIAL NO.  
10/667.877

SEP 07 2004

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
David Boyd MelvinFILING DATE  
September 22, 2003GROUP  
3738

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>UC</i>	A.A	6	1	8	3	4	1	1	02/06/01	Mortier et al.			
	A.B												
	A.C												
	A.D												
	A.E												
	A.F												
	A.G												
	A.H												
	A.I												
	A.J												
	A.K												

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
<i>UC</i>	A.L	WO 00/18320	04/06/00	International			
<i>UC</i>	A.M	WO 01/91667	12/06/01	International			
<i>UC</i>	A.N	WO01/67985	02/16/01	International			
	A.O						
	A.P						
	A.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<i>UC</i>	A.R	Melvin et al., Cyclic Device for Restructuring Heart Chamber Geometry, <del>US 2003/029132</del> , published January 30, 2003.					
	A.S	<del>US 2003/0023132</del>					
	A.T						

EXAMINER

DATE CONSIDERED

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Substitute Disclosure Form (PTO-1449)

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David Boyd MelvinConfirmation No.  
1155

(Use several sheets if necessary)

FILING DATE  
September 22, 2003GROUP  
3738

(37 CFR 1.98(b))

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
UC	A.A	2	8	2	6	1	9	3	3/1958	Vineberg			
	A.B	3	0	5	3	2	4	9	9/1962	Smith			
	A.C	3	4	5	5	2	9	8	7/1969	Anstadt			
	A.D	3	5	1	3	8	3	6	5/1970	Sausse			
	A.E	3	5	9	0	8	1	5	7/1971	Schiff			
	A.F	3	6	1	3	6	7	2	10/1971	Schiff			
	A.G	3	6	6	8	7	0	8	6/1972	Tindal			
	A.H	3	7	1	3	4	3	9	1/1973	Cabezudo			
	A.I	3	7	9	1	3	8	8	2/1974	Hunter et al.			
	A.J	3	8	2	7	4	2	6	8/1974	Page et al.			
✓	A.K	3	9	8	3	8	6	3	10/1976	Janke et al.			

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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
UC	A.L	EP 0,583,012	2/1988	EPO			
	A.M	EP 119,357	9/1984	EPO			
	A.N	SU 1191-076-A	11/1985	Soviet Union			NO
	A.O	WO 00/06026	2/2000	PCT			
	A.P	WO 00/06027	2/2000	PCT			
✓	A.Q	WO 00/06028	2/2000	PCT			

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

UC	A.R	Melvin, D.V.; Conkle, D.; Roberts, A; Stinson, E.; "Cardiac Performance and Myocardial Contractility After Experimental Mechanical Ventricular Assistance", J. Thoracic and Cardiovascular Surgery Vol. 65, No. 6, June 1973, (pages 876-881).
UC	A.S	Melvin, D.B., "Cardiovascular Surgery: Myocardial Preservation, Cardiorespiratory Support I.", American Heart Assoc. Abstract, Circulation Part II, Vol. 68, No. 4; Scientific Sessions for Nurses; 37th Ann. Meeting; Nov. 14-17, 1983, (1 page).
UC	A.T	Melvin, D.; Schima, H.; Losert, U.; Wolner, E., "Long-Term Ventricular Wall Actuation: Can and Should it be Systematically Explored?", Artificial Organs, Vol. 20, No. 1, 1996, (pages 63-68).

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT David Boyd Melvin		Confirmation No. 1155	
				FILING DATE September 22, 2003		GROUP 3738	

U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MC	B.A	4	1	9	2	2	9	3	3/1980	Asrican				
	B.B	4	5	3	6	8	9	3	8/1985	Parravicini				
	B.C	4	6	2	1	6	1	7	11/1986	Sharma				
	B.D	4	6	9	0	1	3	4	9/1987	Snyders				
	B.E	4	8	0	9	6	7	6	3/1989	Freeman				
	B.F	4	8	4	6	8	3	1	7/1989	Skillin				
	B.G	4	9	0	4	2	5	5	2/1990	Chaire et al.				
	B.H	4	9	3	6	8	5	7	6/1990	Kulik				
	B.I	4	9	5	7	4	7	7	9/1990	Lundback				
	B.J	5	1	0	9	8	4	3	5/1992	Melvin et al.				
✓	B.K	5	1	1	9	8	0	4	6/1992	Anstadt				

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
MC	B.L	WO 00/16700	3/2000	PCT			
	B.M	WO 00/47270	08/17/2000	PCT			
	B.N	WO 00/02500	1/2000	PCT			
	B.O	WO 01/95832	12/20/2001	PCT			
	B.P	WO 01/95831	12/20/2001	PCT			
✓	B.Q	WO 01/85061	11/15/2001	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)	
MC	B.R Melvin, D.B., et al., "A Physical Analog of the Failing Left Ventricle for In Vitro Studies of Mechanical Wall Actuation", Artificial Organs, Vol. 20, No. 3, 1996, (pages 227-239).
MC	B.S Melvin, D.B. et al., "Reduction of Ventricular Wall Tensile Stress by Geometric Remodeling Device", ASAIO Journal (Abstract), Vol. 45, No. 2 pg. 166, March 17, 1999, (1 page).
MC	B.T Melvin, D.B., "Device-Induced Ventricular Geometric Remodeling: Appraisal of Critical Issues", J. of Cardiac Surgery (Accepted for publication), Presented at the 3rd Symposium of the Soc. of Cardiac Volume Reduction, April 9, 2000 in Osaka, Japan, pages 34-39).

EXAMINER <i>Ann Chatterjee</i>	DATE CONSIDERED <i>1/18/2006</i>
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
UC	C.A	5	1	3	1	9	0	5	7/1992	Grooters			
	C.B	5	1	3	9	5	1	7	8/1992	Corral			
	C.C	5	1	6	9	3	8	1	12/1992	Snyders			
	C.D	5	1	9	2	3	1	4	3/1993	Daskalakis			
	C.E	5	2	0	1	8	8	0	4/1993	Wright et al.			
	C.F	5	2	5	6	1	3	2	10/1993	Snyders			
	C.G	5	2	5	8	0	2	1	11/1993	Duran			
	C.H	5	3	3	4	2	1	7	8/1994	Das			
	C.I	5	3	4	5	9	4	9	9/1994	Shlain			
	C.J	5	3	5	8	5	1	9	10/1994	Grandjean			
✓	C.K	5	3	7	0	6	8	5	12/1994	Stevens			

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
UC	C.L	WO 01/95830	12/20/2001	PCT			
	C.M	WO 01/28455	4/2001	PCT			
	C.N	WO 98/29041	7/1998	PCT			
	C.O	WO 99/53977	10/1999	PCT			
✓	C.P	WO 99/30647	6/1999	PCT			
	C.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

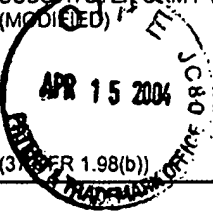
UC	C.R	International Search Report for PCT/US03/30302, dated March 24, 2004, (4 pages).
	C.S	
	C.T	

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<div style="text-align: center;">  </div>		INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT David Boyd Melvin		Confirmation No. 1155							
		(Use several sheets if necessary)		FILING DATE September 22, 2003		GROUP 3738							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>MB</i>	D.A	5	3	8	3	8	4	0	1/1995	Heilman et al.			
	D.B	5	3	8	5	5	2	8	1/1995	Wilk			
	D.C	5	4	8	4	3	9	1	1/1996	Buckman, Jr. et al.			
	D.D	5	4	8	7	7	6	0	1/1996	Villafana			
	D.E	5	5	3	3	9	5	8	7/1996	Wilk			
	D.F	5	5	7	1	1	7	6	11/1996	Taheri			
	D.G	5	5	8	1	1	7	6	12/1996	Lee			
	D.H	5	5	9	3	4	2	4	1/1997	Northrup, III			
	D.I	5	6	5	5	5	4	8	8/1997	Nelson et al.			
	D.J	5	7	0	2	3	4	3	12/1997	Alferness			
<i>✓</i>	D.K	5	7	0	9	6	9	5	1/1998	Northrup, III			
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS													
		DOCUMENT NUMBER						PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)	
	D.L												
	D.M												
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	D.O												
	D.P												
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
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	D.S												
	D.T												
EXAMINER <i>Wm. Chittenden</i>									DATE CONSIDERED <i>1/18/06</i>				
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SUBSTITUTION FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MELV/27US		SERIAL NO. 10/667,877	
APR 15 2004 (OFFICE OF THE COMPTROLLER OF THE PATENT AND TRADEMARK OFFICE)		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT David Boyd Melvin		Confirmation No. 1155	
				FILING DATE September 22, 2003		GROUP 3738	

U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	E.A.	5	7	1	3	9	5	4	2/1998	Rosenberg et al.				
	E.B.	5	7	2	7	5	6	9	3/1998	Benetti et al.				
	E.C.	5	7	3	8	6	2	6	4/1998	Jarvik				
	E.D.	5	7	3	8	6	2	7	4/1998	Kovacs et al.				
	E.E.	5	7	4	9	8	8	3	5/1998	Halpern				
	E.F.	5	8	0	0	5	2	8	9/1998	Lederman et al.				
	E.G.	5	8	2	4	0	7	1	10/1998	Nelson et al.				
	E.H.	5	9	1	0	1	2	4	6/1999	Rubin				
	E.I.	5	9	5	7	9	7	7	9/1999	Melvin				
	E.J.	5	9	6	1	4	4	0	10/1999	Schweich, Jr. et al.				
		E.K.	6	0	1	9	7	2	2	2/2000	Spence et al.			

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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	E.L.						
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	E.P.						
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
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SUBSTITUTE FORM PTO-1449 (MODIFIED) <div style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block; transform: rotate(-15deg);">           APR 15 2004            RECEIVED            1080 OFFICE         </div>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MELV/27US		SERIAL NO. 10/667,877	
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<i>UC</i>	F.A	6	0	4	5	4	9	7	4/2000	Schweich, Jr. et al.				
	F.B	6	0	5	0	9	3	6	4/2000	Schweich, Jr. et al.				
	F.C	6	0	5	9	7	1	5	5/2000	Schweich, Jr. et al.				
	F.D	6	0	7	7	2	1	4	6/2000	Mortier et al.				
	F.E	6	0	8	5	7	5	4	6/2000	Alferness et al.				
	F.F	6	1	1	0	1	0	0	8/2000	Talpade				
	F.G	6	1	2	3	6	6	2	9/2000	Alferness et al.				
	F.H	6	1	2	5	8	5	2	10/2000	Stevens et al.				
	F.I	6	1	6	2	1	6	8	12/2000	Schweich, Jr. et al.				
	F.J	6	1	6	5	1	1	9	12/2000	Schweich, Jr. et al.				
✓	F.K	6	1	6	5	1	2	0	12/2000	Schweich, Jr. et al.				

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	F.L						
	F.M						
	F.N						
	F.O						
	F.P						
	F.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
	F.R	
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EXAMINER <div style="font-family: cursive; font-size: 1.2em;"> <i>Am Chatterjee</i> </div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em;"> <i>1/18/06</i> </div>
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## U.S. PATENT DOCUMENTS

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<i>MC</i>	G.A	6	1	7	9	7	9	1	1/2001	Krueger			
	G.B	6	1	8	3	4	1	1	2/2001	Mortier et al.			
	G.C	6	2	6	0	5	5	2	7/2001	Mortier et al.			
	G.D	6	2	6	1	2	2	2	7/2001	Schweich, Jr. et al.			
	G.E	6	2	6	4	6	0	2	7/2001	Mortier et al.			
	G.F	6	2	9	3	9	0	6	9/25/2001	Vanden Hoek et al.			
	G.G	6	3	1	9	2	3	1	11/20/2001	Andrulis			
	G.H	6	3	2	4	4	3	0	11/27/2001	Zarinetchi et al.			
	G.I	6	3	2	4	4	3	1	11/27/2001	Zarinetchi et al.			
	G.J	6	3	3	2	8	6	3	12/25/2001	Schweich, Jr. et al.			
<i>✓</i>	G.K	6	3	3	2	8	6	4	12/25/2001	Schweich, Jr. et al.			

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	G.S	
	G.T	

EXAMINER

*Am. Chalkman*

DATE CONSIDERED

*1/18/06*

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 APR 15 2004  
 37 CFR 1.98(b)  
 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS											
EXAMINER INITIAL	H.A.	H.B.	H.C.	H.D.	H.E.	H.F.	H.G.	H.H.	H.I.	H.J.	H.K.
	6	3	3	2	8	9	3	12/25/2001	Mortier et al.		
	6	4	0	2	6	8	0	6/11/2002	Mortier et al.		
	6	5	7	9	2	2	6	6/17/2003	Vanden Hoek et al.		
	6	5	9	2	6	1	9	7/15/2003	Melvin		

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H.R.	H.S.	H.T.

EXAMINER <i>Th. Chalton</i>	DATE CONSIDERED 1/18/2006
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